"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

L 01961-67

ACC NR: AP6028176

latter is plugged into the aircraft electric power supply line and is also used for determining the vectorial sum of magnetic deviation and interference fields of the masses of the aircraft and the earth. One feature of the patent is given in detail.

[KP]

SUB CODE: 17/ SUBM DATE: 11Dec63/

Card 2/2 gd

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCINA, I.

"Principles of nuclear chemistry" by Vl. Majer. Reviewed by I. Bucina. Jaderna energie 8 no.10:379-380 O '62.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCINA, Ivan; JASANOVSKY, Pavel; KOTKA, Ladislav; MARSAL, Jaroslav

Determination of the absolute activity of some radioactive isotopes, suitable for neutron flux measurement. Jaderna energie 9 no.8:265 Ag '63.

1. Ustav pro vyzkum, vyrobu a vyuziti radioizotopu, Praha.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCIS, JANIS JIKABA

"d. Praktiskie darbi majlopu audzesana, ar teoretiskiem paskaidrojumiem. Riga, Latvijas valsts izdevnieciba, 1956. 330 p. (Practical work in raising domestic animals, with theoretical explanations)."

DA Not in DLC

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCIU, Cesar, ing.; URSU, Delia

Some critical observations on the quality of the reagents currently used in the ore dressing installations of the Trustul minier Baia-Mare, and some proposals for the improvement of their quality and the manufacture of new assortments. Rev min 13 no.1:24-27 Ja '62.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCIU, C., ing.; ILIE, P., ing.

Ore concentration by rapid flotation. Rev min 13 no.12:546-554 D '62.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCIU, C., ing.; ILIE, P., ing.

Influence of the manufacture conditions on the activity of phosocresols during flotation. Rev min 14 no.1:26-29 Ja '63.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCIU, C., ing.; BRINCUS, A., ing.; POP, Maria, ing.

Factors favorably influencing the flotation separation of gold from the complex ores of the Baia Mare Mining Trust. Rev min 14 no.5:201-206 My '63.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

ILIE, P., ing.; MUCIU, C., ing.

Intensification of the technological process of ore flotation, an important reserve for increasing the production possibilities of dressing plants. Rev min 14 no.6:236-242 Je '63.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCIN, Gheorghe

Considerations of the creative work at the porcelain factory in Cluj. Industria usoara 11 no.5:256-257 My '64.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

GAVRILA, I., Prof.; COMES, L., conf.; SERBAN, I., dr.; SOLOVIEV, M., dr.; GHIDALI, M., dr.; PIRVU, C., dr.; IEPUREANU, A., dr.; CUCU, Al., dr.; BUCIU, M., dr.; URCAN, S., dr.; LUCA, E., dr.

Interpretation of blood sedimentation rates in infectious diseases. Med. int., Bucur. 8 no.4:525-532 Aug 56.

1. Lucrare efectuata in Clinica de boli contagioase dir. Cluj.
(INFECTION, blood in
sedimentation rate, determ. & relation to intensity of dis.)
(BLOOD SEDIMENTATION, in various dis.
infect. dis., determ. & relation to intensity of dis.)
(COMMUNICABLE DISEASES, blood in
sedimentation rate, determ. & relation to intensity of dis.)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

L 37174-66 EWT(m)

ACC NR: AP6027872 SOURCE CODE: CZ/0038/66/000/003/0099/0099

44
B

AUTHOR: Trousil, Jaroslav--Trousil, Ya.; Bucina, Ivan--Buchina, I.

ORG: Institute for Investigation, Production and Use of Radioisotopes, Prague (Ustav pro vyzkum, vyrobu a vyuziti radioizotopu)

TITLE: Film dosimetry 19 of x-ray radiation

SOURCE: Jaderna energie, no. 3, 1966, 99

TOPIC TAGS: radiation dosimetry, photographic film, x ray application, x ray filter

ABSTRACT: UVVVR Report No 40/1963. The paper presents the results of work connected with the development and experimental checking of the method and correction of the wave dependence by means of a vacant field and filters of 0.05, 0.5 and 1.5 mm of Cu and 0.5 mm of Pb. A method also was developed for calibration of the films and reading of the doses which assures satisfactory accuracy and an adequate range of measurements. [Based on authors' Eng. abst.] [JPRS: 36,845]

SUB CODE: 14, 18 / SUBM DATE: none

Card 1/1 UDC: 539.12.082:77: 621.386.82

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

Buciu, M.

GAVRILA, I., Prof.; COMES, L., conf.; MURESIANU, T., dr.; BUCIU, M., dr.

Studies of group C Salmonella infections. Med. int., Bucur. 9 no.4:573-581 Apr 57.

1. Lucrare efectuata in Clinica de boli contagioase Cluj.
(SALMONELLA INFECTIONS, case reports
group C Salmonella paratyphi infect. & Salmonella choleraesuis infect.)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

MURESAN, T.; URCAN, S.; BUCIU-URCAN, M.

Considerations on the staphlococcal strain isolated in the Cluj Infectious Disease Laboratory Clinic. Microbiologia (Bucur) 6 no.1:57 Ja-F '61.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCK, J.

POLAND

"Stabilization of Chlorinated Naphtalin "woskol" With the Antrachinon," by J. BUCK and Z. SICINSKI: Prace Instytutu Elektrotechniki, Vol. V, No. 16, 1956.

[redacted]

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCK, Jozef, mgr inz.

Some problems concerning the production of condenser tissue.
Przegl papier 20 no.7:222-225 Jl '64

1. Department of Electric Materials, Institute of Electrical Engineering, Wroclaw.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKA, Halina

Some species of algae from the fish ponds in Golysz. Acta hydrobiol 6 no.4:317-321 '64.

1. Institute of Hydrobiology, of the Polish Academy of Sciences, Krakow.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

L 45951-66 IJP(c)

ACC NR: AP6018208 SOURCE CODE: GE/0010/65/000/024/0761/0764

AUTHOR: Buckbesch, F. (Engineer)

ORG: Institute for Geodesy at the Berlin German Academy of Sciences, Potsdam (Geodatisches Institut der Deutschen Akademie der Wissenschaften zu Berlin)

TITLE: Reception of time signals at the Geodetic Institute in Potsdam. Part 2

SOURCE: Radio und fernsehen, no. 24, 1965, 761-764

TOPIC TAGS: time signal, oscillograph, geodesy

ABSTRACT: In a continuation of an earlier work, the author describes and illustrates with block- and circuit-diagrams the component parts (divider stages, gate stage, pulse former, pulse selector, time deflector, power supply) and the integrated time-signal oscillograph system employed at the Geodetic Institute, Potsdam (Geodatisches Institut), for the reception of international time signals broadcast by foreign transmitters. Some oscillograms obtained with the system described and with the conventional method (invloving the use of a rapid revolving coil recorder) are shown in Figure 1. Recording accuracies of 0.1 msec can be attained. Orig. art. has: 12 figures.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

L 45951-66
ACC NR: AP6018208

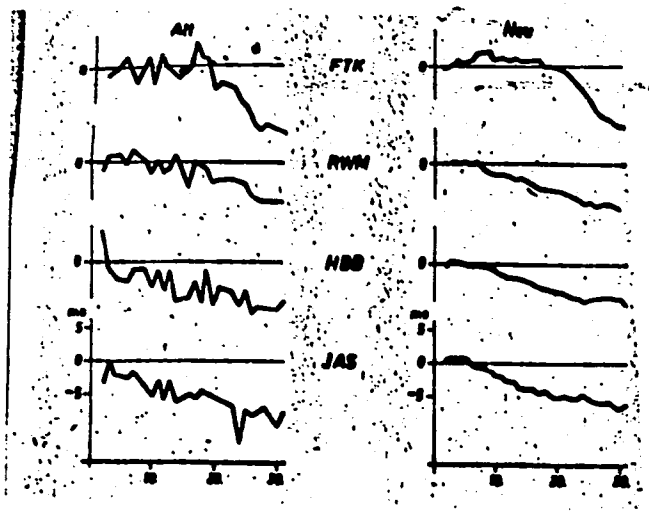

Figure 18. Comparison between the signal recordings according to the old and to the new method of recording.

Key: Alt - old
Neu - new
FTK - France
RWM- SSSR
HBB - Switzerland
JAS - Japan

SUB CODE: 17,09,08/SUBM DATE: none/ ORIG REF: 009

Card 2/2 blg

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKEL, W.; HILSCH, R.; MINNIGERODE, G.

"Effect of plastic deformation at low temperature on the superconductivity of gallium." In German. p. 5.

ACTA PHYSICA. (Magyar Tudomanyos Akademia). Budapest, Hungary, Vol. 8, No. 1/2, 1957.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKER, E.; JANOBY, L.

"History of the Evolution of Scorification by Means of Fluidization", P. 370, (KOHASZATI LAPOK, Vol. 9, No. 8, August 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKER, Z. E.

"Action of External Influences upon the Fructification of Fungi." (p. 491) by Bucker, Z. E.

SO: Advances in Contemporary Biology (USPEKKI SOVREMENNOI BIOLOGII) Vol. V, No. 3 1936

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

L 10891-67

ACC NR: AT6018335 SOURCE CODE: PO/2507/65/015/49-/0081/0088

AUTHOR: Bucki, J.; Maik, Z.; Stępień, S.

ORG: none

TITLE: The MM16 high-speed digital micromodular unit

SOURCE: Warsaw. Przemysłowy Instytut Telekomunikacji, Prace, v. 15, no. 49/50, 1965, 81-88

TOPIC TAGS: digital computer, logic circuit, computer component

ABSTRACT: The article describes the MM16 micromodular unit, developed at the Digital Equipment Enterprise of PIT (Zaklad Techniki Cyfrowej PIT). This is a transistorized, static, digital unit with single-level logic, constituting a set of logic elements which may be incorporated in the design of high-speed logic curcuitry. In principle, the MM16 employs a single logic function, which, depending on the system adopted, either negates the product (NAND) or negates the sum (NOR). Interconnection of several of these units is possible without the need for intermediate equipment. Moreover, when delay elements are used, the MM16 can also be used together with other slower digital equipment, such as the S400. The article discusses the basic electrical, mechanical, and climatic specifications of the equipment, describes its component make-up, and presents pertinent performance curves. Orig. art. has: 16 figures.

SUB CODE: 09/ SUBM DATE: 21Jun65 UDC: 621.375:535.61-15
SKT 23:164

Card 1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKI, Janusz, inz.

Two drill halfautomatic finishing machine of the TFB-14 type. Przegl mech 21 no.7:215-216 Ap '62.

1. Centralne Biuro Konstrukcyjne Obrabiarek, Pruszkow.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKI, L.

BUCKI, L.

"Photographic Methods of Transferring Drawing onto Metal." P. 63. (TECHNIKA LOTNICZA, Vol. 8, No. 2, Mar./Apr. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKI, Leslaw; GRUIN, Irma; KRUKOWSKI, Zdzislaw

Properties of epoxy glues modified with polyvinyl acetals.
Polimery tworz wielk 8 no.1:23-29 Ja '63.

1. Instytut Lotnictwa, Warszawa.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

CZECHOSLOVAKIA

Donald F. BUCKLE, Head of Mental Health Section, World Health Association Copenhagen, European Regional Office.

"Development of Psychiatric Practice in Europe."

Prague, Ceskoslovenska Psychiatrie, Vol 59, No 1, Jan 63; pp 49-58.

Abstract: Review of the history of the specialty from Pinel orward; changing patterns of institutional care; evolution of admission policies and practices; duration of treatment, methods and staffs, open door policies; chronic patient facilities; pediatric psychiatry; facilities for care of epileptics, criminal insane, alcoholics; psychoanalysis; impact of drugs; specialization in psychiatry, social work with mental patients. 28 Western references.

1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKLE, Donald F.

On the development of psychiatric practice in Europe. Cesk. psychiat. 59 no.1:49-58 F '63.

1. Svetova zdravotnicka organizace, evropska oblastni uradovna, Kodan, vedouci oddeleni pro dusevni zdravi.
(PSYCHIATRY)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKMAN, N.D.

BUCKMAN, N.D.

Influence of phospholipides on the nutritive value of sunflower-seed oil. Masloboyno Zhirovaya Prom. 18, No.4, 9-10 '53. (MLRA 6:4)
(CA 47 no.17:8853 '53)

1. Sanitation-Hyg. Inst., Leningrad.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

L 17678-66 RM

ACC NR: AT6009225 SOURCE CODE: HU/2502/65/043/002/0161/0163

AUTHOR: Kajtar, Marton (Doctor; Budapest); Buckner, Viktor (Professor; Budapest); Rihmer, Zsuzsa (Budapest)

ORG: Institute for Organic Chemistry, Lorand Eotvos University, Budapest

TITLE: Structure of the subtilis-polyglutamic acid

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 2, 1965, 161-163

TOPIC TAGS: organic synthetic process, polymer, glutamic acid, nonmetallic organic derivative

ABSTRACT: A method was described with the aid of which it is possible to obtain γ-L- and γ-D-polyglutamic acid at a yield of 25% from the dipeptide L-L- and D-D-p-nitrophenyl ester. The nitrophenyl ester was synthesized from carbobenzoxy-glutamic acid-α-methylester-γ-p-nitrophenyl ester by coupling it with the aid of glutamic acid-α-methyl ester to yield carbobenzoxy-γ-glutamylglutamic acid-α,α'-dimethyl ester. The mechanisms of the reactions involved were discussed in terms of the structure of subtilis glutamic acid polymer. [JPRS]

SUB CODE: 07 / SUBM DATE: 07Mar65 / ORIG REF: 002 / OTH REF: 007

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Card 1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A.; KARDOS, J.

Respiratory function tests in silicosis by means of acetylcholine and aerosols. Bratisl.lek.listy 30 no.11-12:793-801 Nov-Dec 50. (CLML 20:5)

1. Of the Industrial Medicine Station of the State Hospital in Zvolene.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A.

Control of infectious jaundice in the Banska Bystrica region. Lek. obzor 2 no.3:181-184 Mar 1953.
(CIML 24:5)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

A. BUCKO

"Dietetic kitchens in Slovakia." p. 50. (VYZIVA LIDU, Vol. 8, no. 4, Apr. 1953, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A.

BUCKO, A.;BLAZEK, Z.

Neutral 17-ketosteroids in congestive heart diseases. Bratisl. lek. listy 33 no.3:161-171 1953. (CIML 25:1)

1. Of the Internal Department of Zvolene State Hospital.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A.

SIMKO, V.

3

Czechoslovakia

Institute of Human Nutritional Research (Ustav pre vyskum vyzivy ludu v Bratislave), Bratislava; Director: A. BUCKO, MD, Candidate for Sciences.

Brno, Vnitrni lekarstvi, No 10, Oct 62, pp 1075-1078.

"The Nutritional Effect of Fresh and Heat-Treated Sunflower Oil and Hydrogenated Edible Fat on the Spectrum of Serum Proteins and Lipoproteins of Guinea Pigs."

Co-authors:

BUCKO, A., Director, Institute of Human Nutritional Research, Brno; BOBEK, P., Institute of Human Nutritional Research, Brno.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, Andrej (Bratislava, Ustav pre vysivu l'udu)

Observations on certain clinical and laboratory possibilities for differential diagnosis of jaundice. Lek. obzor 3 no.3-4: 216-220 1954.

1. Z Inter. odd. OUNZ vo Zvolene.
(JAUNDICE, differential diagnosis.)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, Andrej

Principles of Soviet dietetics. Lek. obzor 3 no.11:633-638 1954.

1. Z Ustavu pre vuskum vyzivy ludu v Bratislave.
(DIETS,
dietetics in Russia)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A.

Significance of calcium in human nutrition. Bratisl. lek. listy 34 no.3:301-309 Mr '54.

1. Z Ustavu pre vyskum vyzivy ludu v Bratislave, riaditel dr. Andrej Bucko.
(CALCIUM,
*nutritional significance)
(NUTRITION,
*nutritional significance of calcium)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

EXCERPTA MEDICA Sec. 6 Vol. 11/11 Nov. 57

BUČKO A.

6901. BUČKO A. Forsch.-Inst. für Volksernährung, Bratislava. *Zur Frage des Vorkommens von Dyskinesien der Gallenwege bei Ulkuskrankheit. Dyskinesia of the biliary ducts in ulcer disease DTSCH.Z.VERDAU-,U.STOFFWECHSELKR. 1956, 16/6 (271-277)

As an accompanying disease of ventricular or duodenal ulcer, dyskinesia of the gallbladder and bile ducts may develop. The diagnosis and treatment of 10 cases of dyskinesia observed in 47 ulcer patients are discussed.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A.

KLIMEK, M.; HRSTKA, V.; BUCKO, A.

24-Hour radioiodine test of the effect of diet on iodine accumulation in the thyroid. Cesk. gastroenter. 11 no.5:325-328 5 Sept 57.

1. Ustav pre vyskum vyzivy ludu v Bratislave, riaditel Dr. A. Bucko Vyskumny ustav onkologicky v Bratislave, riaditel clen koresp. SAV Dr. V. Thurzo. M. K. ul. Ceskoslovenskej armady 17.

(THYROID GLAND, metab.
iodine accumulation, eff. of diet in rats, 24-hour radioiodine determ. (Cz))
(IODINE, metab.
accumulation in thyroid, eff. of diet in rats, 24-hour radioiodine determ. (Cz))

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

EXCERPTA MEDICA Sec 6 Vol 13/2 Internal Med. Feb 59

881. ON THE PROBLEM OF METABOLIC DISTURBANCES AFTER CHOLECYSTECTOMY - Zur Frage der Stoffwechselstörungen nach Cholezystektomie - Bucko A. and Dvorsky A. Forsch.-Inst. für Volksernährung, Bratislava - DTSCH. Z. VERDAU. - U. STOFFWECHSELKR. 1957, 17/4-5 (179-186) Graphs 1 Tables 5

Ten days of metabolic examinations in 10 patients with the post-cholecystectomy syndrome showed the following results: A normal protein supply in the diet (about 14% of the caloric need) produced a positive nitrogen balance. The total fat balance was positive in all patients. The fat secretion in the stool was within the normal range. This does not exclude, however, that disturbances of the fat digestion in the small intestine may occur. Undigested fats may be decomposed by intestinal bacteria. Blood sugar curves were normal after the administration of carbohydrates. The Ca balance in patients with the postcholecystectomy syndrome does not differ from that of normal individuals. To maintain an even Ca level at least 800 to 900 mg. Ca should be taken in with the daily diet. The absorption of vit. A is retarded in cholecystectomized patients. The absorption of vit. A is at the same time a specific test for the fat absorption. The administration of vit. A to cholecystectomized patients is recommended.

(VI, 9)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

1944. THE PROPER PROTEIN NUTRITION OF PATIENTS AFTER RADICAL OPERATIONS ON THE STOMACH - Beitrag zur richtigen Eiweissernährung bei Kranken nach radikaler Operation des Magens - Bučko A. Forsch. Inst. für Volksernährung, Bratislava - DTSCH. Z. VERDAU- U. STOFFWECH-SELKR. 1957, 17/6 (275-281) Graphs 3 Tables 3

The optimum protein intake to guarantee a positive nitrogen balance should be

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

1944

determined for patients with total gastrectomy. According to metabolic examinations in a total of 14 patients with total gastrectomy, the optimum protein intake was 2.3 g. per kg. of body weight. It is easy to see that the intake of such large amounts of protein causes difficulties.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

EXCERPTA MEDICA Sec.3 Vol.12/5 Endocrinology May 1958

Bucko, A.

894. THE EFFECT OF DIET ON THYROID ACCUMULATION OF I^{131}- Über die diätetische Beeinflussung der Radiojodaufnahme in der Schilddrüse, verfolgt mit Hilfe des 24-Stunden-Testes mit I^{131}- Klimek M., Hrstka V. and Bucko A. Inst. für Volksernährung und Onkol. Forsch.-Anst., Bratislava - ENDOKRINOLOGIE 1957, 34/5-6 (273-277) Tables 3

A study was made of the accumulation of I^{131} in the thyroids of 3 groups of rats kept on different diets; the 24-hr. test was used. A low-protein, high-carbohydrate diet resulted in an iodine accumulation only 1/5 of that seen with the other 2 diets. The cause and significance of this phenomenon and the data concerning urinary excretion of I^{131} and iodine storage in the salivary glands are briefly discussed. The observed changes in I^{131} accumulation is attributed to the composition of the diet. Other possible factors are discussed.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

1945. PROTEIN SUPPLY BY DIET AND NITROGEN BALANCE IN PATIENTS AFTER TOTAL GASTRECTOMIES - Vzťah prívodu bielkovín stravou k dusíkovej bilancii u chorých po totálnych gastrektómiách - Bučko A. Úst. pre výskum výživy ľudu, Klin. Odd., Bratislava - BRATISL. LEK. LISTY 1958, 38(1)/6 (341-347) Graphs 3 Tables 3

In a 10-day metabolic study of 13 patients in a bad postoperative nutritional state it was found that the optimal quantity of proteins in the diet, warranting a positive nitrogen balance, is over 2.3 g. of proteins per kg. of weight. (IX, 6*)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO A.

EXCERPTA MEDICA Sec 2 Vol 12/3 Physiology Mar 59

1151. DETERMINATION OF SERUM ALDOLASE ACTIVITY AS A LIVER FUNCTION TEST - Príspevok k hodnoteniu hladiny sérovej aldolázy ako funkčného testu ochorenia pečene - Bučko A. and Hrstka V. Úst. pre Výskum Výživy ľudu, Bratislava - BRATISL. LEK. LISTY 1958, 38(I)/11 (659-666) Graphs 2 Tables 2

In 117 cases of infectious hepatitis the aldolase reaction was positive in 74.3% whereas the thymol turbidity test gave a positive result in 60.6% only. In chronic diseases of the liver, or in other diseases without affection of the liver, the aldolase reaction was, with but one exception, always negative.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

EXCERPTA MEDICA Sec 16 Vol 7/11 Cancer November 59

4872. **Changes of the plasma proteins after radical gastric operations** Zmeny bielkovin krvnej plasmy po radikálnych operáciách zalúdku. BUCKO A. Úst. pre Vyskum Vyzivy Ludu, Bratislava *Csl. Gastroent. Vyz.* 1959, 13/2 (124-126) Tables 1

Plasma proteins were examined in 19 patients after total gastrectomy. In 5 patients, the total plasma protein was below 6 g./100 ml. The albumins were reduced in 9 patients, the γ-globulins were elevated in 16 patients. In a smaller number of patients changes in the composition of α- and β-globulins were found, in some a reduction, in others an increase. It was not possible to prove any relationship between the period which had elapsed since operation and the changes in the composition of plasma proteins, and the plasma proteins and nitrogen balance.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

SIMKO, V.; BUCKO, A.

Biological activity of heated nutritional fats. Cas.lek.cesk 100 no.20:Lek Veda Zahr:110-115 19 My '61.

1. Ustav pre vyskum vyzivy ludu v Bratislave, riaditel MUDr. A. Bucko, C. Sc.

(FATS nutrition & diets)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A.; SIMONCIC, R.

The effect of nutrition on the pathogenesis and course of experimental glomerulonephritis in acute experimental conditions with special reference to fats. Cesk. gastroent. vyz. 15 no.1:18-30 F '61.

1. Ustav pre vyskum vyzivy rudu, klinicke oddelenie, v Bratislave, riaditel MUDr. A. Bucko, C.Sc.
(FATS nutrition & diet) (GLOMERULONEPHRITIS experimental)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

SIMKO, V.; BUCKO, A.; ONDREJICKA, R.

Chemical and physical changes in sunflower oil and in solidified nutritional fats after heating. Cesk. gastroent. vyz. 15 no.5: 329-333 S '61.

1. Ustav pre vyskum vyzivy ludu v Bratislave riaditel MUDr. A. Bucko, C.Sc.

(FATS chem) (OILS chem)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: not given

Affiliation: Institute for Nutrition Research, Director A.Bucko MD., Bratislava.(Ustav pro vyskum ludu v Bratislavi, riaditel MUDr. A. Bucko, C.Sc.) Bratislava.

Source: Prague, Ceskoslovenska Gastroenterologie a Vyziva, Vol 15, No 6, Sept 1961; pp 429-433.

Data: Chemical and Physical changes in Sunflower Oil ans Hardened Vegetable Fat after Heating.

SIMKO, V.,
BUCKO, A.,
ONDREJICKA, R.,

GPO 981643

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, A.
SIMKO, V.

Czechoslovakia

CZECHOSLOVAKIA

Institute of Human Nutritional Research (Ustav pre vyskum vyzivy ludu v Bratislave), Bratislava; Director: A. BUCKO, MD, Candidate for Sciences.

Brno, Vnitrni Lekarstvi, No 10, Oct 62, pp 1075-1078.

"The Nutritional Effect of Fresh and Heat-Treated Sunflower Oil and Hydrogenated Edible Fat on the Spectrum of Serum Proteins and Lipoproteins of Guinea Pigs."

Co-authors:

BUCKO, A., Director, Institute of Human Nutritional Research, Brno; BOBEK, P., Institute of Human Nutritional Research, Brno.

(3)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

DIBAK, O.; BUCKO, A.; KORTUS, J.; KOTULIAK, V.; technicka spolupraca: SPUSTOVA, D.; CHOBOTOVA, M.; BABUSIK, I.

Protective diets and metabolism of some elements in subjects exposed to fluorine ions. Bratisl. Lek. Listy 43 no.2:77-88 '62.

1. Z Ustavu pre vyskum vyzivy l'udu v Bratislave, riaditel' MUDr. A. Bucko, C. Sc.

(FLUORINE toxicol) (ALUMINUM metab) (CALCIUM metab) (PHOSPHORUS metab) (DIETS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

(98)

Bratislava, Bratislavske Lekarske Listy, Vol 1, No 10, 1962
Copyright by the Publishing House of the Slovak Academy of Sciences (Vydavatelstvo Slovenskej akademie vied), 1962.

1. "Zdenek NEJEDLY (10 Feb 1878 - 9 Mar 1962)" [obituary], Dionyz MLADENOVIC, president of the SAV [Slovenska akademia vied; Slovak Academy of Science]; pp 585-586.

2. "Analysis of the Splanchnic Afferentation into the Lumbosacral Spinal Segments," by P. DUDA of the Neurophysiological Section within the SAV Institute of Experimental Medicine (oddelenie Neurofyziologie Ustavu experimentalnej mediciny, SAV), Bratislava; headed by (vedouci) J. ANTAL, corresponding member of the SAV; pp 587-594 (English summary).

3. "Conditioned-Reflex Changes in the Glycide Metabolism under the Effect of Short-Lasting Hypotension," by O. DIRAK, B. Broman, V. KOSULIAK, J. KONTUS, and R. NEMEC. From the Physiological Department of the Human-Nutrition Research Institute (Fyziologicke oddelenie Ustavu pre vyskum vyzivy ludu) in Bratislava, director (riaditel): science candidate A. BUCKO, MD; and from the Physiological Institute at the Medical Faculty of Comenius University (Fyziologicky ustav Lekarskej fakulty Univerzity Komenskeho) in Bratislava, headed by corresponding member of the SAV J. ANTAL, Dr of Sciences; pp 594-602 (English summary).

4. "The Release Thresholds of Spreading Depression in the Lysencephalic Brain of Some Phylogenetic Species," by J. ZACHAR and D. ZACHAROVA of the Neurophysiological Section within the SAV Institute of Experimental Medicine in Bratislava [see No 2]; pp 602-610 (English summary).

5. "The Conditioning of the Vasoconstriction in the Acral Regions of the Skin Produced by a Single Deep Breath," by I. HUTTKAY-KEDROVY and E. KELLENOVA of the SAV Institute of Experimental Medicine [see No 2] in Bratislava; pp 610-617 (English summary).

6. "The Hemodynamic Relations Between the Magistral and the Resistant Part of the Extremities," by M. GERCYA and J. GERO of the SAV Institute of Experimental Medicine [see No 2] in Bratislava; pp 617-625 (English summary).

7. "Development of the Basic Problems of Aviation and Space Medicine," by B. BROZMAN, A. BRIATKA and O. DIRAK. From the Physiological Department (Katedra fyziologie) at the Medical Faculty of Comenius University in Bratislava, and from the Physiological Department of the Human-Nutrition Research Institute in Bratislava [see No 3]; pp 626-632.

— 1/2 —

Bucko, A.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

SIMKO, V.; BUCKO, A.

Biological effect of fats altered by heating. (Effect of sunflower oil and cooking fat on the body weight, weight of the organs, fat metabolism and on vitamin C content of the adrenal glands in guinea pigs). Cesk. gastroent. vyz. 17 no.3:160-167 Ap '63.

1. Ustav pro vyskum vyzivy ludu v Bratislave, riaditel dr. A. Bucko, CSc.

(OILS) (FATS) (BODY WEIGHT)
(ASCORBIC ACID) (ADRENAL GLANDS)
(LIPID METABOLISM)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

ONDREICHKA, R. [Ondreicka, R.]; SHIMKO, V. [Simko, V.]; BUCHKO, A. [Bucko, A.]

Changes in the chemical and physical properties of lard and butter during heating. Vop. pit. 22 no.6:43-46 N-D '63. (MIRA 17:7)

1. Iz Instituta po issledovaniyu pitaniya naseleniya (dir. A. Buchko), Bratislava, Chekhoslovakiya.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

SIMKO, V.; BUCKO, A.

Effect of sunflower oil subjected to heat and hydrogenated cooking oil on phospholipid metabolism in guinea pigs. Cas. lek. cesk. 103 no.35:965-969 28 Ag '64.

1. Ustav pre vyskum vyzivy ludu v Bratislave (riaditel doc. dr. A. Bucko, CSc.).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, Edward

Development of oxygen converter processes. Problemy proj hutmaszyn 10 no.1:19-30 Ja '62.

1. Biprostal, Krakow.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, Edward

Spencer Works. Pt. 1. Problemy proj hut maszyn 11 no.8:262-264 Ag '63.

1. Biprostal, Krakow.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, Edward

Use of coal as substitute fuel in the blast-furnace process.
Problemy proj hut maszyn 12 no. 5:147-156 My '64.

1. Biprostal, Krakow.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

CA

20

Slag control in the basic open-hearth furnace process. A. Ludkiewicz, K. Bucko, and S. Pniak. *Prace Badawcze Głównego Inst. Met. i Odlew.* 1949, 13-25.—The purposes and methods of rational slag control in the basic open-hearth furnace are discussed. On the basis of 30 expts. conducted in a 30-ton basic open-hearth furnace, slag patterns have been established for slag basicity $V = (CaO)/(SiO_2)$, within the limits of 1.2 to 4.79 for various contents of FeO in the slag. The results obtained indicate that control of the slag by means of slag pancakes presents no difficulties. In order to obtain steel of an av. purity of $P < 0.040\%$ and $S < 0.04\%$ it is quite sufficient to carry out its finishing and working under a slag of basicity $V = 2.5$ to 3, the charge consisting of 50% pig iron, contg. $P < 0.4\%$ and $S < 0.05\%$, and the remainder ordinary scrap. The finishing of steel under a slag of the above basicity gives economy in fuel and lime as well as in Fe and Mn. In addn., slags of basicity $V = 2.5$ to 3 show lower contents of Fe_t (Fe_t is the sum of oxides FeO and Fe_2O_3 in slag reduced to Fe), which should have an advantageous effect on the quality of steel produced under such a slag. Edward A. Ackermann

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

5

7

Slag Control in the Basic Open-Hearth Furnace Process. Part II. A. Ludkiewicz, E. Bucko, and J. Zieba. (Prace Badawcze Glownego Instytutu Metalurgii i Odlewnictwa, 1949, No. 2, pp. 155–161). [In Polish]. Further examination of slag in the basic open-hearth furnace has been carried out so as to complete the series previously established. The evaluation of slag basicity has been carried out by examining the top and bottom surfaces of slag pancakes, and the results are compared with those calculated on the basis of chemical analysis. Accuracy of the determination of slag basicity, inferred from physical properties of slag pancakes, is satisfactory up to basicity $V = 2.0$ and is adequate for practical requirements. The examination of thin sections of slag with polarized light revealed three types of slag, each of them characterized by a typical phase. Microscopical examination proved useful for the control of slag basicity.—W. J. W.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

B

2

Slag Composition and Removal of Impurities in the Basic Openhearth Process; Statistical Analysis. (In Polish.) E. Bucko. *Prace Badawcze Głównego Instytutu Metalurgii i Odlewnictwa*, v. 2, no. 2, 1950, p. 137-167.

Results of chemical analysis of basic slags from 44 heats, from openhearths of 20-50 ton capacity, working on cold charges, were subjected to statistical analysis. Data are extensively tabulated and graphed 13 ref.

COMMON ELEMENTS

COMMON VARIABLES INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

The Influence of the Chemical Composition and Structure of Cast Iron on Ingot Mould Life. E. Hucko. (*Prace Badawcze Głównego Inst. Met.*, 1951, No. 3, 183–200). [In Polish]. The life of 79 square 5-ton ingot moulds was studied. The carbon plus silicon content of the moulds varied between 4·37 and 6·35%. The most durable moulds were from the hypoeutectic iron (C 3·50–3·70%, Si 1·0–1·75%). In the carbon plus silicon range of 5·20–5·60% the moulds with ferritic structure were the most durable, and in the 4·50–5·20% range the moulds with pearlitic-ferritic structure. The moulds with pearlitic structure (C + Si about 4·6%) had a much shorter life than those with pearlitic-ferritic structure. More than 0·45% manganese is undesirable because the manganese inhibits ferrite formation. More than 0·12% phosphorus is detrimental for the same reason.—V. O.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

Bucko, E

MT

Slag and the removal of impurities in the basic open-hearth furnace: III, Sulfur. E. Bucko. *Prace Inst. Ministerstwa Hutnic*, 5, 143-58 (1953); *Chem. Abstr.*, 49 [1] 129i (1955).—In the investigation of the desulfurization of the metal in an open-hearth furnace, B. shows that the ratio of S distribution, $\eta_S = (S)/[S]$, increases with increasing basicity of the slag. At the basicity level $(CaO)/(SiO_2) = 4$ the average value of η_S is approximately 10. Application of the ionic theory of slags to the calculation of the exponent of S distribution produced results which agreed well with kinetic observations. The exponent of S distribution is proportional to the $^1/_2$ power of the level of ionic O and inversely proportional to the content of Fe ions in the slag. Statistical analysis confirmed the effect of the slag basicity on the exponent of S distribution but failed to show substantial influence of the FeO content of the slag. Mn content of the bath favorably affects the distribution of the S. The favorable effect of Mn decreased gradually in the course of heat-refining and vanished completely in the final stage. S content of the steel bath decreased as a hyperbolic function with increasing basicity of the slag. The initial S level of the metallic charge and fluxes showed, however, considerable effect on the final S content of the steel. The rate of S removal averaged 0.0075%/hr. In the working period, with higher basicity of the slag, flushing of the slag, and Mn addition, the average S removal rate increased to 0.010%/hr. The low value of the exponent of S distribution and the low rate of S removal from the molten bath indicate that the S content of the charge should not exceed 0.010 to 0.015% above the desired maximum S content of the steel. Fluxes used in the process should have the lowest possible S content (below 0.02%).

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BUCKO, E.

BTR, v 3
July 1954
Metals -
Open Hearth

/2288* Slag and Admixture Removal in Basic Open-Hearth Process. Supplement to Part I. Slag. (Polish.) E. Bucko. *Prace Instytutow Ministerstwa Hutnictwa*. v. 5, no 3, 1953, p. 159-161.

Discusses relationship between FeO, MgO, and Al_2O_3 content in slag and between the values characterizing the slag and its basicity. Graphs.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, E.

"Proper Use of Ingot Molds and the Quality of Steel." p.5
(WIADOMOSCI HUTNICZE Vol. 9, no. 12, Dec. 1953 Stalinogrod, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

DUONUJE.

Slag and the refining of steel in the open-hearth process. III. Sulphur. E. Bučko (*Proce Inst. Minist. Hutic.*, 1953, 5, No. 3, 143–158; *J. Iron Steel Inst.*, 1954, 170, 224).—Statistical analysis of results obtained from two steelworks showed that the principal factor affecting the distribution of S between slag and metal, N_s, in the basic open-hearth process is the slag basicity $V = CaO/SiO_2$. Other factors, *e.g.*, FeO in the slag and the C and Mn contents of the metal, have a definite but minor influence. N_s remains below 10 even at a high V of 3 to 5. Results obtained using Herasimenko's and Speight's formulæ agree with the author's observations, whilst the formulæ of Schenk, Darken, and Larsen give higher values.

R. B. CLARKE.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, Edward, mgr inz.

Labor organization in designing offices. Przegl techn 85 no. 25:9,11 21 Je '64.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, Edward

The Steel Works in Dunkirk, a new coastal metallurgical enterprise. Pt.2. Problemy proj hut maszyn 13 no.4:122-127 Ap '65.

1. Biprostal, Krakow.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, Edward

The Steel Works in Dunkirk, a new coastal metallurgical enterprise. Pt.3. Problemy proj hut maszyn 13 no.5:156-160 My '65.

1. Biprostal, Krakow.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Cellulose and Its
ABS. JOUR. : RZKhim., No. 22 1959, No. 84320

AUTHOR : Kozmal, F.; Bucko, J.
INST. : -
TITLE : Acacia - A New Raw Material for the Cellulose--Paper Industry.

ORIG. PUB. : Nasa veda, 1959, 6, No 1, 3-5

ABSTRACT : Described are experiments in the obtainment of cellulose (C) from acacia by employing sulfite and sulfate methods. In accordance with the first method, the yield of C is 40.9% and with the second is 38.9%. Raw cellulose has a darker color, than that derived from coniferous wood pulp, however, it can be bleached to higher degree of whiteness than the coniferous C. The α - cellulose content is 89.0%, the absolute viscosity is 16.9 cp. Its strength, after grinding is 4695m.

*Derivatives. Paper.

CARD: 1/2

II - 141

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

COUNTRY :
CATEGORY : H

ABS. JOUR. : RZKhim., No. 23 1959, No. 84320

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : This wood pulp is recommended for special
Con'd grades of paper. --D. Yakesh.

CARD: 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

COUNTRY : Czechoslovakia H-33
CATEGORY : Chemical Technology
Cellulose and Its Derivatives. Paper.
ABS. JOUR. : RZKhim., No. 20 1959, No. 73445

AUTHOR : Kozmal, F.; Bucko, J.
INST. :
TITLE : The Possibilities of Utilizing Acacia Wood in Cellulose-and-Paper Industry

ORIG. PUB. : Papir a celul., 1959, 14, No 4, 73-77

ABSTRACT : Wood of Robinia pseudoacacia Z, was pulped by the sulfite and the sulfate methods and the resultant cellulose was bleached. Mechanical properties (tearing strength, double-folding endurance, resistance to perforation) of the cellulose so obtained are satisfactory.
From Authors' Summary.

CARD: 1/1

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

HUBA, Frantisek; BUCKO, Jan

Use of waste aluminum chloride from the production of alkyl aryl sulfonates. Chem prum 12 no.5:253-254 My '62.

1. Petrochema, n.p., Dubova (for Huba). 2. Katedra chemickej technologie dreva Slovenskej vysokej skoly technickej, Bratislava (for Bucko).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

KOZMAL, Frantisek, prof., inz.; BUCKO, Jan

Processing of Slovakian chestnut wood to paper and chemical pulp. Papir a celulosa 18 no.4:73-76 Ap '63.

1. Katedra chemickej technologie dreva a chemickych vlaken, Slovenska vysoka skola technicka, Bratislava.

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2979. TESTING OF ELEMENTS OF 500 V FUSES. 621.316.923

T.Linski and R.Bucko.

Przeglad elektrotech., Vol. 31, No. 6, 406-9 (1955). In Polish.

Over 13 000 fuses rated from 2 to 80 A, with fusible copper element, and the fibre cartridge sand-filled for ratings above 25 A, were tested. Resistance within a rating varied considerably not only for the element itself but also with the force applied by holders. Overload tests show that all fuses do not break the arc after melting of their elements and this is due to poor sand filling. Overcurrents were satisfactorily broken by most of the sand-filled fuses but not at all by fuses without sand. Redesign of fuse assemblies and better production methods are recommended.

J.Lukaszewicz

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H-4

COUNTRY : Poland
CATEGORY : Chemical Technology. Chemical Products and Thier Applications--Corrosion. Corrosion control.
ABS. JOUR. : RZKhim., No. 21 1959, No. 75241

AUTHOR : Biestek, T., Lipski, T., and Bucko, R.
INST. : Not given
TITLE : Preliminary Communication on the Corrosion Testing of Galvanized Steel Ship Parts

ORIG. PUB. : Prace Inst Mech, 6, No 23, 87-92 (1958)

ABSTRACT : The results from 25-month tests of the corrosion resistance of a series of galvanic coatings applied to parts of low-carbon steel installed at various points in the ship, both on deck and below deck, are described. The tests were carried out under natural conditions on a ship navigating between the Polish Peoples Republic and Southern and Northern China. It has been found that for steel parts located below deck a Zn-coating of 15 μ thickness is sufficient to give

CARD: 1/3

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COUNTRY : Poland H-4
CATEGORY :

AGC. JOUR. : RZKhim., No. 21 1959, No. 75241

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : satisfactory protection for a period of 2 yrs and more. The protection of parts placed on deck and exposed to the action of sea water over a similar period of time requires Cd-coatings of 30 μ thickness or Zn-coatings of greater thickness [sic] plated from a cyanide bath. The additional passivation of Cd- and Zn-coatings plated from alkaline baths markedly improves their protective properties. Zn-coatings deposited from acid baths are markedly less resistant. Two-layer Zn-Cr coatings

CARD: 2/3

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

COUNTRY : Poland H-4
CATEGORY :

ABS. JOUR. : RZKhim., No. 21 1959, No. 75241

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : are adequate only for the protection of parts installed below deck; the use of such coatings is recommended for the protection of parts operating under abrasive conditions.

V. Levinson

CARD: 3/3

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LIPSKI, Tadeusz; BUCKO, Ryszard; MICHNIA, Heinz

Fuses with high breaking capacity for domestic installations.
Przegl elektrotechn 39 no.6:224-227 Je '63.

1. Instytut Elektrotechniki, Gdansk, (for Lipski and Bucko).
2. Zaklad A-16, Brzezinka (for Michnia).

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BUCKO, Ryszard

The new coastal steelworks in Dunkirk. Problemy proj hut maszyn 13 no.3:90-94 Mr '65.

1. Biprostal, Krakow.

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BUCKO, S.

The 9th Congress of Czechoslovak Geographers in Teplice v Cechach.
Geogr cas SAV 15 no.1:68-74 '63.

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BUCKO, Stefan

A conference on theoretical problems of geography. Vestnik CSAV 71 no.1:78-81 '62.

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BUCKO, Stefan

Soil erosion in the lower Vah River basin. Sbor zem 68 no.1:72-76 '63.

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BUCKO, S.

Ditch erosion in the basin of the Hornad River. p. 5. GEOGRAFICKY CASOPIS. Bratislava. Vol. 8, no. 1, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

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"A regional geographical conference on the Upper Nitra region"

Geograficky Casopis. Bratislava, Czechoslovakia. Vol. 11, no. 1, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307220005-2

BUCKO, STEFAN

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Bratislava, Nasa Veda, Vol VIII, No 4, 1961, pages 238-243.

Data: "In the Country Of Diamond Splendor and Shadow."

Authors: BUCKO, Stefan

VISVADER, Frantisek

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BUCKO, S.

"Forests, fields, and pasture grounds in the hydrology of the Kychova River and Zdechovka River source areas" by Zd. Valek. Reviewed by S. Bucko. Geogr cas SAV 15 no.3:239-240 '63.

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BUCKO, S.; HOLY, M.; STEHLIK, O.

General map of soil erosion in Czechoslovakia. Vestnik CSAV 73 no.3:491-494 '64.

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BUCKOVA, A.

(13)

Bratislava, Farmaceutický Obzor, Vol LXXI, No 2, 1962.

1. "The Production, Distribution and Supply of Veterinary-Medical Products and Materials for the Veterinary Service," by [illegible] of the Kraj Veterinary Facilities (Krajska veterinarni [illegible]) in Prague; pp 52-55.

2. "Determination of Arnetin in Galleno Vyvaris," by A. [illegible], L. [illegible] and K. HUDOVA of the Chair of Pharmacognosy (Katedra farmakognozie) at the Pharmacological [illegible] of Comenius University (Univerzita Komenského) in Bratislava; pp 55-58.

3. "Sorbic Acid - A Food Preservative," by B. [illegible] of the Chair of Galenic Pharmacy (Katedra galenickej farmacie) at the Pharmacological Faculty of Comenius University in Bratislava [Issue No 2]; pp 59-62.

4. "The Testing of the Identity and Purity of Drugs, in the Light of New Chemical and Physical Methods," by O. [illegible] of the State Institute for Drug Control (Statni ustav pro kontrolu lieciv) in Bratislava; pp 62-65.

5. "The Use of Polyurides in Setting Up Jena Distillation Apparatus," by J. [illegible], E. [illegible] and J. [illegible] of the KUNZ [Krajsky ustav Narodniho Zdravi; Kraj Public Health Institute] in Banska Bystrica, and of the DDL [not identified] in Zilina; pp 65-66.

6. "New Czechoslovak Ultrafilters Manufactured by the Synthesia Enterprise," by M. VOLKOVA [affiliation not given]; pp 67-69.

7. "On the Problem of Preparing Reagent Solutions," by Z. [illegible] of the Kraj Galenic Laboratory (Krajska galenicke laboratorium) in Bratislava; pp 70-73.

8. "The Supply of Russia's Rural Population with Drugs before the Revolution," by J. [illegible] [affiliation not given]; pp 73-75.

9. "New Drugs: Bromadryl - Bromadryl F," by K. NAVRATIL [affiliation not given]

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BLAZEJ, Anton; NATHEROVA, Lubica, prom. farm. (Odbojarov 12, Bratislava); BUCKOVA, Anna

Analytical evaluation of tannin containing extracts of crude drugs. Acta pharmac 8:63-80 '63.

1. Chair of Leather Chemical Technology, Faculty of Chemistry, Slovak Higher School of Technology, Bratislava (for Blazej).
2. Chair of Pharmacognosy, Faculty of Pharmaceutics, Komensky University, Bratislava (for Natherova and Buckova).

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BUCKOVA, A.; LEIFERTOVA, I., dr., (Praha 2, Nabr. B. Engelse 44)
NATHEROVA, L.

The content of tannins in Geranium pratense L. Part 2.
Cesk. farm. 14 no.8:406-409 O '65.

1. Katedra botaniky prirodovedecke fakulty Karlovy University, Praha a Katedra farmakognosie farmaceuticke fakulty University Komenskeho, Bratislava. Submitted May 19, 1965.

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Study of tannins in some species of the genus Geranium. Cesk. farm. 13 no.4:183-185 My'64

1. Katedra farmakognosie farmaceutickej fakulty UK [University Komenskeho], Bratislava.

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DOLECEK,R.; ENDRYAS,L.; BUCKY,J.

Metabolic response of the body after burns and the effect of neuroplegics. Experimental section. Cas.lek.cesk.103 no.4: 108-109 24 Ja'64.

1. Interni oddeleni krajske nemocnice, Ostrava 3 (vedouci: MUDr. J.Cerny) a Ustredni laboratore krajske nemocnice, Ostrava 3 (vedouci: MUDr. B.Hejda).

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Role of Salmonella infections in diarrhea in infants. Cesk. pediat. 14 no.7:607-611 July 59

1. Z Detskej kliniky LFUK v Kosiciach, prednosta doc. MUDr. F. Demant a z KHES-u v Kosiciach, riaditel J. Kratochvil.
(SALMONELLA INFECTIONS, in infancy & Childhood)
(DIARRHEA, in infancy & childhood)

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1. Detska klinika LFUK v Kosiciach, prednosta doc. MUDr. F. Demant. (SALMONELLA INFECTIONS in inf.& child.)

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BUCOVA, E.; KAZAROVA, Z.; FRIC, I.

Clinical picture of asthmatic bronchitis in childhood during the course of the epidemic of influenza. Cesk.pediat.15 no.6/7:617-620 Jl'60.

1. Detska klinika LFUK v Kosiciach, prednosta doc.dr. Demant.
(INFLUENZA in inf & child)
(ASTHMA in inf & child)
(BRONCHITIS in inf & child)

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GATI, Istvan, dr.; LAJOS, Laszlo, dr.; DOSZPOD, Jozsef, dr.; HISZEK, Nandor, dr.; ARNOLD, Istvan, dr.; BUCS, Gabor, dr.

Changes in maternal mortality at the maternity clinic of Pecs during 40 years with special respect to puerperal fever. Orv. hetil. 106 no.33:1563-1567 15 Ag'65.

1. Pecsi Orvostudomanyi Egyetem Szuleszeti es Nogyogyaszati Klinika (igazgato: Lajos, Laszlo, dr.).

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Precise working of boreholes by horizontal boring machines.
Constr mas 15 no.11/12:760-764 N-D '63.

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